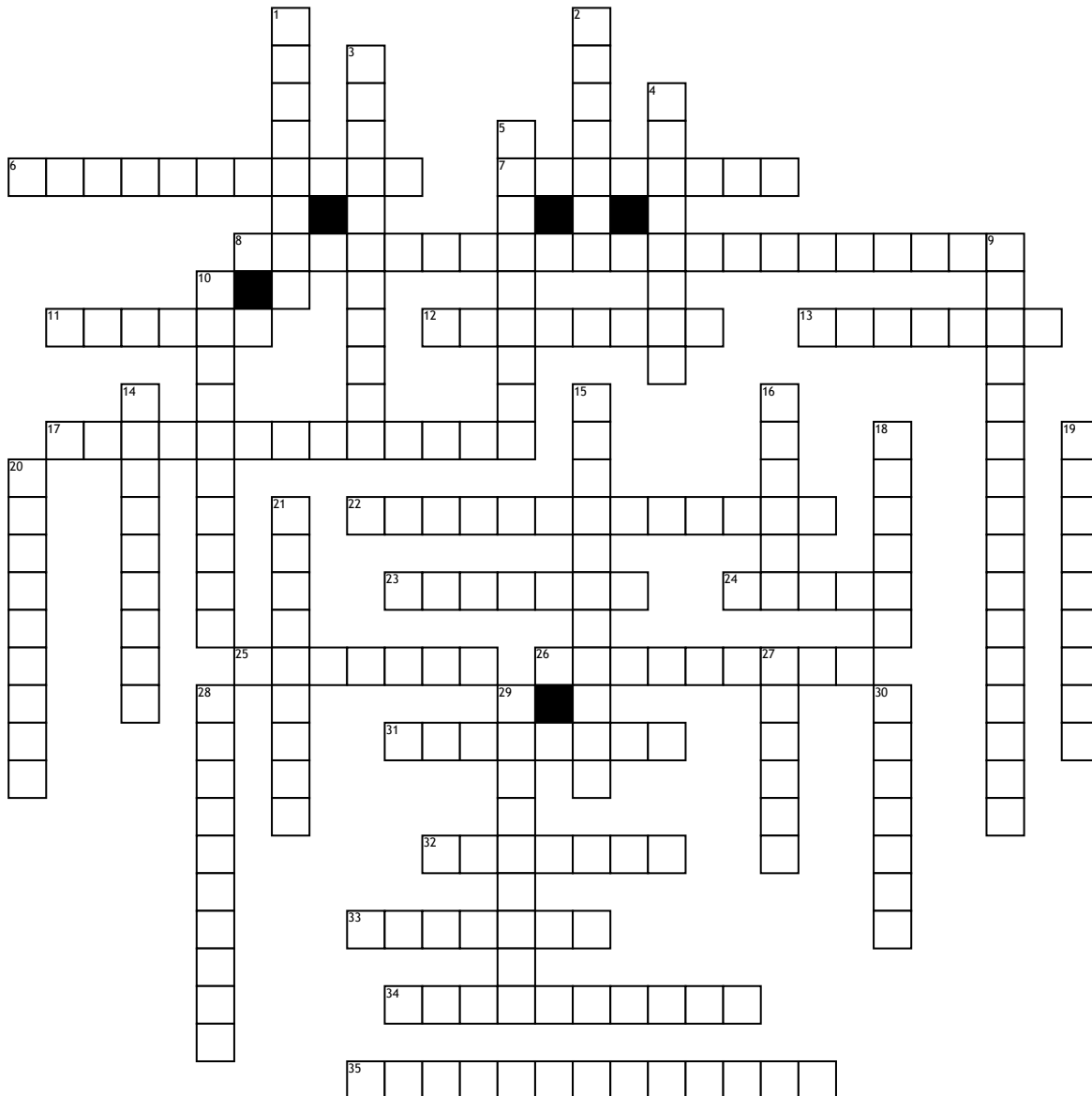


Name: _____

Date: _____

Bio



Across

6. 2 genes for the same trait are on one chromosome
 7. Help organize/support long DNA strands
 8. Chromosomes similar in size, shape and content as the parents
 11. A disorder in which some of the body's cells lose the ability to control its growth
 12. Third phase of mitosis, centimeter split
 13. Cells grow and prepare
 17. 2 identical organisms
 22. When a chromosome piece attached to the wrong chromosome
 23. Cells that have one set of 23 chromosomes
 24. DNA that code protein
 25. Any living organism cell other than a reproductive cell

26. The series of events that cells go through as they grow and divide
 31. A piece of chromosome broke off
 32. Cells that have 2 sets of 23 chromosomes
 33. Organelles are copied and the cell grows larger
 34. Period of the cell cycle between divisions
 35. Micro tubules that separate chromosomes

Down

1. When a cell's DNA is changed
 2. First stage, division of Nucleus
 3. Contain genetic info
 4. First stage of mitosis, chromosomes become visible
 5. Combo of DNA wrapped around Histones
 9. Identical copies of a chromosome

10. Two tiny structures located near Nuclear Envelope
 14. A chromosomal piece is in reverse order
 15. Second stage, division of cytoplasm
 16. Formed when sperm and egg cells fertilize
 18. Phase where chromatin is copied
 19. Cytokinesis in plants occur by this formation
 20. Final Mitosis Phase, chromosomes disperse into tangle of dense material
 21. Photo of Chromosomes
 27. Proteins that regulate the cell cycle in Eukaryotic Cells
 28. Area attaching chromatids
 29. Second Phase of Mitosis
 30. Sex Cells